|   | Index of Claims |                               |              |                   |        |                   |          |             |          |          |        |               |               | Application/Control No.                                                    |              |          |                                                  |                                                  |                 |                 |       |            | Applicant(s)/Patent under Reexamination |                 |                 |              |              |                       |          |  |
|---|-----------------|-------------------------------|--------------|-------------------|--------|-------------------|----------|-------------|----------|----------|--------|---------------|---------------|----------------------------------------------------------------------------|--------------|----------|--------------------------------------------------|--------------------------------------------------|-----------------|-----------------|-------|------------|-----------------------------------------|-----------------|-----------------|--------------|--------------|-----------------------|----------|--|
|   |                 |                               |              |                   |        |                   |          |             |          |          |        |               |               | 09/942,592                                                                 |              |          |                                                  |                                                  |                 |                 |       |            |                                         | UCHIYAMA ET AL. |                 |              |              |                       |          |  |
|   |                 |                               |              |                   |        |                   |          |             |          |          |        |               |               |                                                                            | Examiner     |          |                                                  |                                                  |                 |                 |       |            |                                         | Art Unit        |                 |              |              |                       |          |  |
|   |                 |                               |              |                   |        |                   |          |             |          |          |        |               |               |                                                                            | Lucas Divine |          |                                                  |                                                  |                 |                 |       |            |                                         | 262             | 4               |              |              |                       |          |  |
|   | √ Rejected      |                               |              |                   |        |                   |          |             |          |          |        |               |               |                                                                            | ral) Non-El  |          |                                                  |                                                  |                 | Class.          |       |            |                                         |                 | <b>A</b> ====1  |              |              |                       |          |  |
|   |                 |                               | <b>√</b>     |                   |        |                   | _        | Cancelled   |          |          |        |               |               | N NOI                                                                      |              |          | von-                                             | Elec                                             | ected           |                 |       | Appeal     |                                         |                 |                 |              |              |                       |          |  |
|   |                 |                               | =            | Allowed           |        |                   | +        | + Restricte |          |          | ed     |               |               |                                                                            | Ľ            | lı       | Interferen                                       |                                                  |                 |                 | 0     | Objected   |                                         |                 |                 |              |              |                       |          |  |
|   | Cla             | im                            | Date         |                   |        |                   |          |             | $\neg$   | С        | Claim  |               |               |                                                                            | Dat          |          | e                                                |                                                  | 7               | CI              | aim   | Γ          | Date                                    |                 |                 | ٦            | •            |                       |          |  |
|   |                 |                               |              |                   |        |                   | TT       |             | $\prod$  |          | T -    |               |               | T                                                                          |              |          |                                                  |                                                  |                 |                 |       | <u></u>    |                                         |                 |                 |              | ГΓ           |                       |          |  |
|   | Final           | Original                      | 8/7/05       | 1/9/0             |        |                   |          |             |          | Final    | Cainin |               | 60/1/6        | 5/6/                                                                       |              |          |                                                  |                                                  |                 |                 | Final | Original   |                                         |                 |                 |              |              |                       |          |  |
|   |                 | (1)                           | +            | 1                 | +      | $\dagger \dagger$ | +        | $\dashv$    | H        | -        | 5      | r .           | +             | +                                                                          |              | +        | ┢                                                |                                                  | H               | $\dashv$        |       | 101        | Н                                       | +               | $\vdash$        | $\dashv$     | ╁            | $\vdash$              | $\dashv$ |  |
|   |                 | 7                             | I            | 4                 |        |                   | $\Box$   |             | $\Box$   |          | 5      | 2             | Ш             | I                                                                          | 1            |          |                                                  |                                                  | П               |                 |       | 102        |                                         |                 |                 | ightharpoons | $\perp$      |                       | ]        |  |
|   |                 | 3                             | $\mathbb{H}$ | 4                 |        | ++                |          | -           | $\vdash$ | -        | co co  | 3             | ${\mathbb H}$ | ₩                                                                          | -            | +        | _                                                | ├                                                | $\vdash$        | 4               |       | 103        | $\vdash$                                |                 | $\vdash \vdash$ | _            | +            | ┝╌┢╴                  | 4        |  |
|   |                 | *                             | Н            | =                 | +      | ++                | +        | +           | H        |          | 5      | 5             | +             | ₩                                                                          | +            | ╁┈       | ╁╌                                               | <del> </del>                                     | ╁┼              | -               |       | 105        |                                         | -               | $\vdash$        | +            | +            | $\vdash$              | -        |  |
|   |                 | 8                             | Ħ            | -                 | +      | 1                 | $\top$   | +           | H        |          | 5      | <u>5</u>      |               | $\parallel$                                                                | 十            | ╁        |                                                  | t                                                | T               | _               |       | 106        | $\Box$                                  | +               | $\vdash$        | $\dashv$     |              | $\vdash$              |          |  |
|   |                 | ユ                             |              | -                 |        |                   |          |             |          |          | 5      | 7   '         |               | П                                                                          |              |          |                                                  |                                                  | П               |                 |       | 107        |                                         |                 |                 | $\Box$       |              |                       |          |  |
| ļ |                 | ф,                            | $\mathbb{H}$ | -1                | -      | +-1               | +        |             | Ш        |          | 1.5    | B<br>9<br>9 · | Щ.            | $\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!$ | 4-           | ╄.       | L                                                | _                                                | -               | -               |       | 108        | Ш                                       | 4               | $\sqcup$        | _            | +            | $\vdash \vdash$       | 4        |  |
|   |                 | <b>\$</b>                     | H            | -                 | +      | ++                | +        | +           | Н        |          | 5      | <u>.</u>      | -             | ₩                                                                          | +            | ╁╌       | ├                                                | ⊢                                                | ╁               | -               |       | 109<br>110 | $\vdash \vdash$                         | +               | $\vdash$        | +            | ╫            | $\vdash$              | $\dashv$ |  |
| Ì |                 | 11-                           | Ħ            | -                 |        | +                 | $\dashv$ | +           | ╅        | _        | 6      |               | +             | +                                                                          | +            | ╁╴       | $\vdash$                                         |                                                  | $\vdash$        | -               |       | 111        | Н                                       | +-              |                 |              | +-           | $\vdash$              | -        |  |
| ļ |                 | <b>(12)</b>                   |              | 1                 |        |                   |          |             |          |          | 6      | 2             |               |                                                                            |              |          |                                                  |                                                  |                 |                 |       | 112        |                                         |                 |                 |              |              |                       |          |  |
| ļ |                 | <b>Y</b> 3                    | 4            | 7                 | _      | +                 | _        |             | Ш        | ļ        | 6      |               | 1             | 4                                                                          | _            | ↓        | <u> </u>                                         | _                                                | Ш               | 4               |       | 113        | $  \_  $                                | _               | $\sqcup$        | _            | _            | $\sqcup \!\!\! \perp$ | 4        |  |
| ļ |                 | 14<br>15                      | +            | 7                 |        | ++                | $\dashv$ | +           |          |          | 6      | 4             | +             | +                                                                          | +            | +        | -                                                | ├                                                | $\vdash$        |                 |       | 114<br>115 | $\vdash$                                | _               | $\vdash$        | _            |              | ├┼                    | 4        |  |
|   |                 | 16                            | Н            | 7                 |        | +                 | +        | ╅           | H        |          | 6      |               | $^{+}$        | +                                                                          | +            | +        | <del>                                     </del> | -                                                | $\vdash$        | $\dashv$ $\mid$ |       | 116        | $\vdash$                                | $\dashv$        | H               | +            | +-           |                       | $\dashv$ |  |
| ļ |                 | 17                            |              | ٧                 |        |                   |          |             |          |          | 6      | 7             | I             | T                                                                          |              |          |                                                  |                                                  |                 |                 |       | 117        |                                         |                 |                 |              |              |                       |          |  |
| ļ |                 | 18                            | Ш            | 1                 | _      | $\perp \perp$     | _        | $\perp$     | Ш        |          | 6      |               | 1             | 1                                                                          |              | 1        | L                                                | <u> </u>                                         |                 |                 |       | 118        |                                         | $\bot$          | Ц               | $\perp$      |              |                       | 4        |  |
|   |                 | 19<br>20                      | Ш            | √                 | +      | ++                | +        | +           | Н        | $\vdash$ | 6      |               | +             | +                                                                          | +            | ╁.       | -                                                | <u> </u>                                         | $\vdash$        | 4               |       | 119<br>120 | Н                                       | +               | $\vdash \vdash$ | +            | ┼            | -                     | 4        |  |
| ŀ |                 | (21)                          | Н            | 1                 | +      | +                 | +        | +           | $\vdash$ | $\vdash$ | 7      | 1             | +             | +                                                                          | +            | ╁        | ╁╌                                               | $\vdash$                                         | $\vdash$        | $\dashv$ $\mid$ |       | 121        | $\vdash$                                | <del></del>     | $\vdash$        | +            | <del> </del> | ┝┉┼╌                  | -        |  |
|   |                 | 22                            |              | 1                 |        | $\Box$            |          | 1           |          |          | 7:     | 2             |               | $\perp$                                                                    | $\top$       | <b>†</b> | T                                                |                                                  | П               |                 |       | 122        | H                                       |                 | $\Box$          | $\top$       | 1            |                       | 1        |  |
|   |                 | 23                            |              | 1                 |        |                   |          |             | Ш        |          | 7:     |               | I             | I                                                                          | $\perp$      | 1        |                                                  |                                                  |                 |                 |       | 123        |                                         |                 |                 |              |              |                       | ]        |  |
|   |                 | 24                            | +            | √<br>√            | _      | +                 | +        | +           | Н        |          | 7.     |               | 4             | 4                                                                          | 4            | ╂_       | L                                                | ┡                                                | $\vdash$        | -               |       | 124        | Ш                                       |                 | Н               | _            |              | $\vdash \vdash$       | 4        |  |
|   |                 | 25<br>26                      | +            | 1                 | +      | +-+               | +        | +           | H        |          | 7:     | 2             | +             | +                                                                          | ╁            | ╁╴       | $\vdash$                                         | ┢                                                | $\vdash$        | -               |       | 125<br>126 | $\vdash$                                |                 | $\vdash$        | +            |              | $\vdash$              | -        |  |
|   | -               | ή                             |              | -                 | $\top$ | 1                 | +        | $\top$      | Н        |          | 7      | 7             | +             | t                                                                          | +            | +        | $\vdash$                                         | $\vdash$                                         | $\vdash$        | ┥               |       | 127        | H                                       | +               |                 | +            | +            | ╁┼                    | 1        |  |
| [ |                 | 7 <del>8</del> 7 <del>8</del> |              | 1                 |        |                   |          |             |          |          | 7      |               | $\perp$       |                                                                            |              |          |                                                  |                                                  |                 |                 |       | 128        |                                         |                 |                 |              |              |                       |          |  |
| - |                 | 29                            | Ш            | 11                |        | $\vdash$          | 4        | _           | $\vdash$ | <u> </u> | 7      |               | +             | 4                                                                          | $\bot$       | _        | _                                                |                                                  | $\sqcup$        | 41              |       | 129        | Ш                                       |                 | Ш               | _            | -            | $\sqcup \bot$         | 4        |  |
| } |                 | <del>30</del>                 | +            | ╫                 | +      | ╁                 | +        | +           | $\vdash$ | -        | 8      |               | +             | +                                                                          | +            | +        | -                                                | ⊢                                                | $\vdash$        | -               |       | 130<br>131 | Н                                       | +               | Н               | +            | +            |                       | -        |  |
|   |                 | 32                            | H            | ╫                 | +-     | $\vdash$          | +        | +           | $\vdash$ | -        | 8:     |               | +             | +                                                                          | ╁            | +        | -                                                | <del> </del>                                     |                 | -               |       | 132        | H                                       | +               | $\vdash$        | +            | +            |                       | ┪        |  |
| į |                 | 33                            |              | $\blacksquare$    |        |                   |          |             | ऻ ।      |          | 8      | 3             | $\top$        | Ť                                                                          |              |          |                                                  |                                                  |                 |                 |       | 133        |                                         | $\top$          | $\Box$          | _            | +            |                       | 1        |  |
|   |                 | 34                            |              | $\perp \parallel$ |        |                   |          |             |          |          | 8      |               | T             |                                                                            | $\bot$       |          |                                                  |                                                  | П               |                 |       | 134        |                                         |                 | П               |              |              |                       | ]        |  |
| } |                 | 35                            | ╂┤           | ╫                 | +-     | ₩                 | -        | +           | $\vdash$ |          | 8      |               | +             | +                                                                          | -            | -        | L                                                | <u> </u>                                         | $\vdash$        | 4               |       | 135        | -                                       | _               | Н               | +            | -            | $\vdash$              | 4        |  |
| - |                 | 36<br>37                      | Н            | ╫                 |        | ++                | +        | +           | H        | -        | 8      |               | +             | +                                                                          | +-           | ╁        | H                                                | <del>                                     </del> | $\vdash$        |                 |       | 136<br>137 | $\vdash$                                |                 | Н               | +            | +            | $\vdash \vdash$       | ┥        |  |
|   |                 | 38                            | H            | #                 |        | ++                | +        | +           | H        | $\vdash$ | 8      |               | 十             | +                                                                          | +            |          | -                                                | <del>                                     </del> | $\vdash$        | <b>-</b>        |       | 138        | Н                                       | _               | H               | ┪            | +            | $\vdash$              | ┪        |  |
| į |                 | 3(9                           | $\Box$       | $\mathbf{I}$      |        |                   |          |             |          |          | 89     | 9             |               |                                                                            |              |          |                                                  |                                                  |                 |                 |       | 139        |                                         |                 |                 |              |              |                       |          |  |
|   |                 | 40                            | Н            | 11                | _      | 11                | _ _      |             | П        |          | 9      |               | 1             | _                                                                          |              |          | L                                                | <u> </u>                                         |                 | <b>-</b>        |       | 140        | Ц                                       | $\perp$         |                 |              |              |                       |          |  |
| } |                 | 41 42                         | H            | ╂                 | +      | +                 | +        | +           | $\vdash$ | -        | 9      |               | +             | +                                                                          | +-           | +        | $\vdash$                                         |                                                  | $\vdash \vdash$ | -               |       | 141        | $\vdash \vdash$                         |                 | $\vdash \vdash$ | $\perp$      | +            | $\vdash \vdash$       | 4        |  |
| } |                 | 43                            | ╁┤           | $\mathbf{H}$      | +-     | $\vdash$          | +        | +           | H        | $\vdash$ | 9:     |               | +             | +                                                                          | +            | +        | -                                                | ┢                                                |                 | $\dashv$        |       | 142<br>143 | $\vdash$                                | +               | $\vdash \vdash$ | +            | +-           | $\vdash \vdash$       | -        |  |
| ŀ |                 | 44                            | $\dagger$    | +                 | _      | 11                | +        | +           | ++       |          | 9      |               | +             | +                                                                          | +            | +        | <del> </del>                                     | <del>                                     </del> |                 | →               |       | 144        | H                                       | +               | $\vdash$        | +            | +            | $\vdash \vdash$       | ┪        |  |
|   |                 | 45                            |              |                   |        | П                 |          | $\perp$     |          |          | 9      | 5             |               |                                                                            | 工            |          |                                                  |                                                  |                 |                 |       | 145        |                                         | 工               |                 | 丁            |              | 廿                     | ]        |  |
| [ | ]               | 46                            | $\coprod$    | 4                 | $\bot$ | $\coprod$         |          | $\bot$      | П        |          | 90     |               |               | $\perp$                                                                    | L            | 匚        | $\Box$                                           |                                                  | П               | <b>⊣</b>        |       | 146        | П                                       | $\bot$          | $\Box$          | $\perp$      |              | Ш                     | _]       |  |
| - |                 | <del>8</del> 4                | +            | +                 | +-     | ++                | -        | +           | H        | -        | 9      |               | +             | +                                                                          |              | +        |                                                  | <u> </u>                                         | $\vdash \vdash$ |                 |       | 147        | $\sqcup$                                |                 | $\sqcup$        | +            | 4            | $\vdash \vdash$       | -        |  |
| ŀ | -+              | 76                            | +            | +                 | +      | ╁┼                | +        | +           | $\vdash$ |          | 99     |               | +             | +                                                                          | +            | +        | $\vdash$                                         | -                                                |                 | $\dashv$        |       | 148<br>149 | $\vdash$                                | -               | $\vdash \vdash$ | +            | +            | $\vdash \vdash$       | -        |  |
| ŀ |                 | <del>8</del> 8                | .+           | -                 |        |                   |          | 士           | П        |          | 10     |               | $\perp$       | $\perp$                                                                    | 土            | T        |                                                  |                                                  | +               | ]               |       | 150        |                                         | _               | $\vdash$        | +            | +            |                       | ┪        |  |